

March 17, 1994

MEMORANDUM

TO: Whitmel H. Webb, III, P.E.
Manager, Program Development Branch

FROM: David G. Modlin, Jr., Ph.D., P.E.
Head of Feasibility Studies Unit

SUBJECT: US 401, from multi-lanes north of Fayetteville to
NC 217 in Cumberland County. F.S. 25-94-010

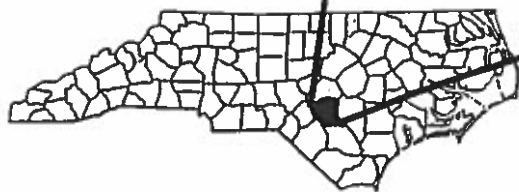
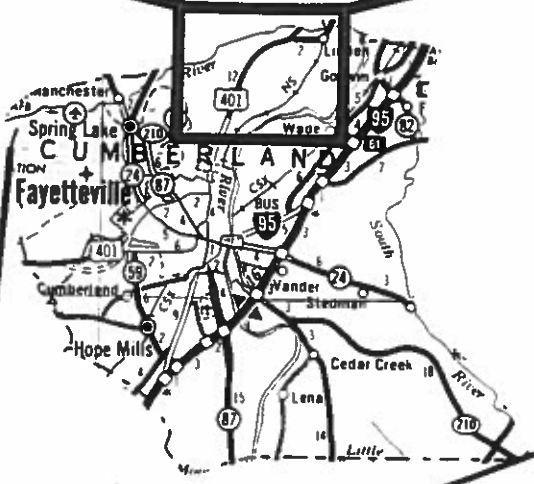
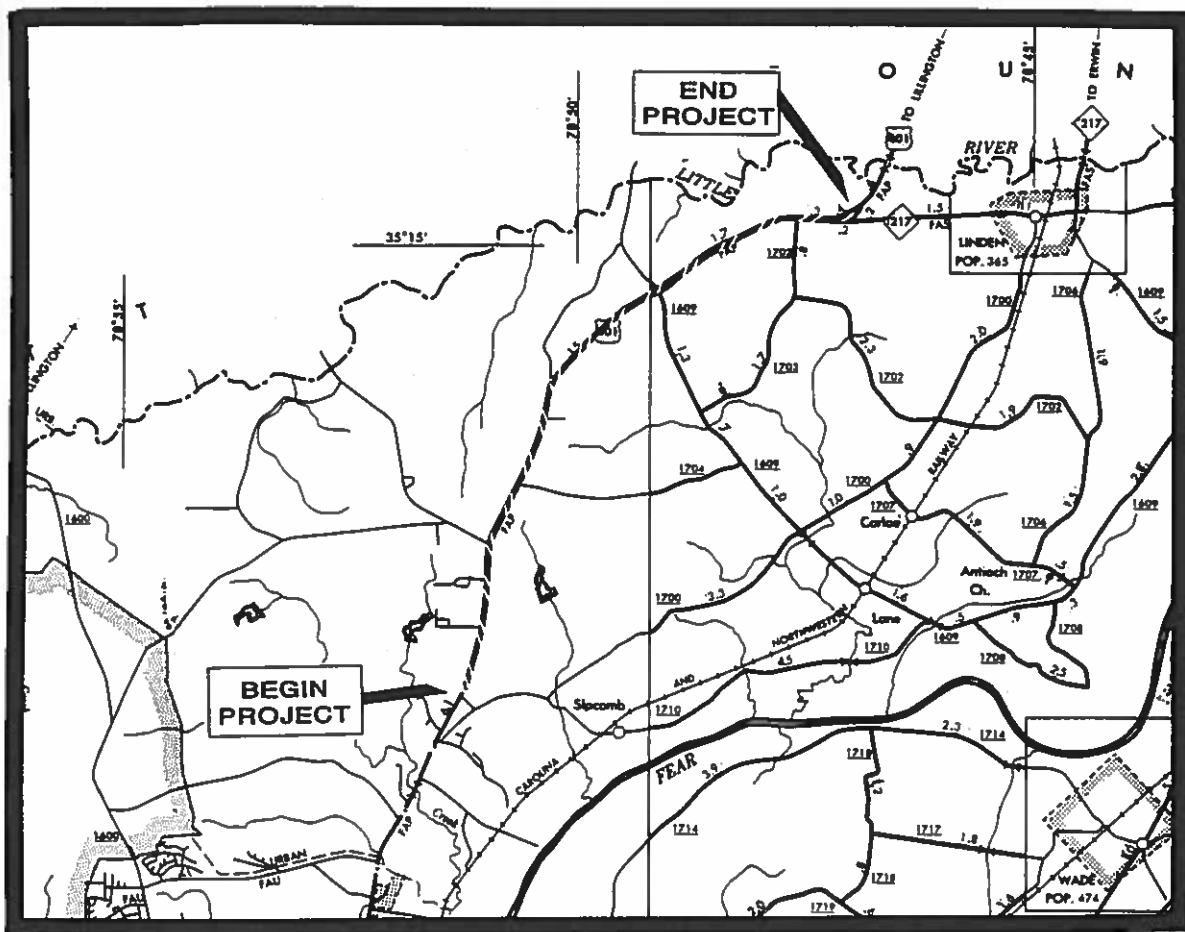
Per your request, a cost estimate was prepared for the subject project. This feasibility study will evaluate widening the existing US 401 to a four-lane, 46-foot wide median divided roadway with partial access control. The project is divided into the following three sections (See Figure 2):

Section One. US 401, from 0.2 miles north of SR 1748 to 0.2 miles north of SR 1608, is approximately 3.3 miles in length. This section will consist of widening 2.6 miles of the existing and realigning 0.7 miles on a new location. Section One is estimated to cost \$10,500,000 (\$4,000,000 for right-of-way and \$6,500,000 for construction). The studied improvements for this section would involve the relocation of approximately 14 residences and 3 businesses.

Section Two. US 401, from 0.2 miles north of SR 1608 to SR 1609, is approximately 1.5 miles in length. This section will consist of widening 1.5 miles of the existing. Section Two is estimated to cost \$4,000,000 (\$900,000 for right-of-way and \$3,100,000 for construction). The studied improvements for Section Two would involve the relocation of approximately 2 residences and 1 business.

Section Three. US 401, from SR 1609 to NC 217, is approximately 2.0 miles in length. This section will consist of widening 1.5 miles of the existing and realigning 0.5 miles on a new location. Section Three is estimated to cost \$5,800,000 (\$1,800,000 for right-of-way and \$4,000,000 for construction). The studied improvements for this section would involve the relocation of approximately 6 residences and 2 businesses.

If you have any questions or comments, please let me know.



FEASIBILITY STUDIES UNIT

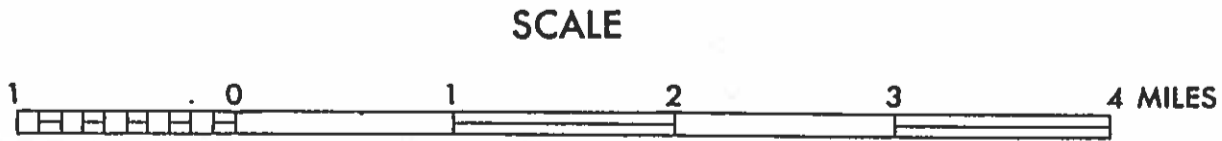
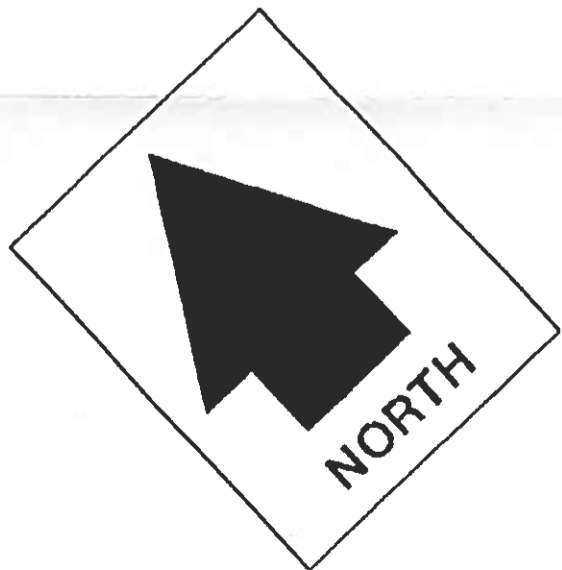
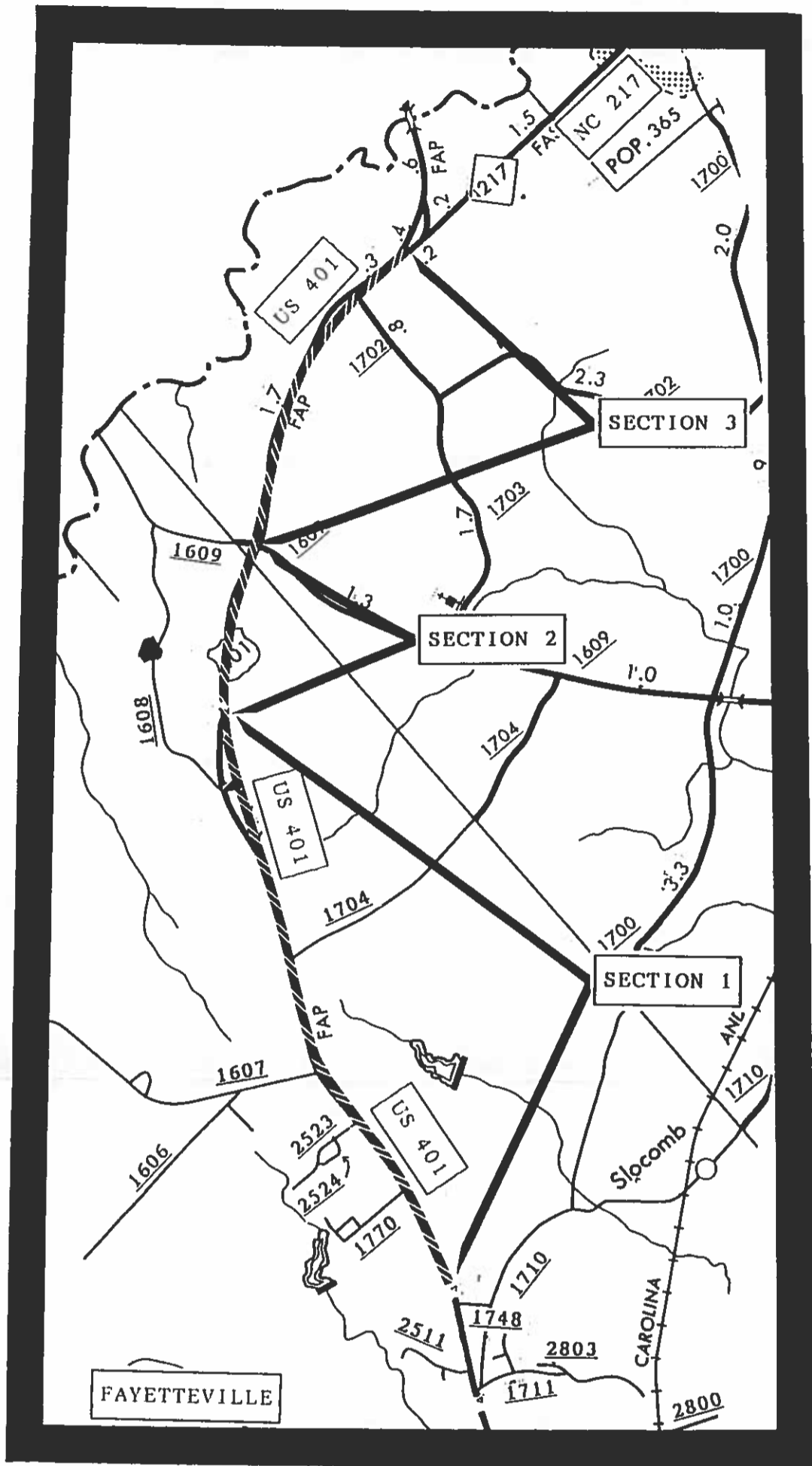
FS 25-94-010

US 401
from multi-lanes north of Fayetteville
to NC 217

Cumberland County

DIV. 6

FIGURE 1



FEASIBILITY STUDIES UNIT	
FS 25-94-010	
US 401 from multi-lanes north of Fayetteville to NC 217	
Cumberland County	
DIV. 6	FIGURE 2